

ABSTRACT OF THE DISCLOSURE

**ELECTRONIC READER FOR STERILIZATION MONITORS**

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A system for determining the efficacy of a sterilization process and communicating that determination to a remote device. The system includes a sterilization sensor and a reader adapted to receive that sterilization sensor. The sterilization sensor has an indicator that undergoes a predetermined optical change when exposed to a sterilization process.

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The reader has an illumination source for illuminating the sterilization sensor, a color sensor for evaluating the condition of the illuminated sterilization sensor, and an interpretation circuit for interpreting the output of the color sensor to determine whether the optical change has taken place. The reader also has a communication circuit for communicating data from the interpretation circuit to the remote device. In the preferred 15 embodiments, the sterilization sensor is disposable and the reader is reusable.